

VAERS Bibliography for August 2000

CDC: reports of VRE cases increasing; hepatitis vaccinations improving. Nephrol News Issues 1999 May;13(5):31, 36-7

Keyword: Centers for Disease Control and Prevention (U.s.)/ Communicable Diseases/ Epidemiology/ Etiology/ Enterococcus/ Gram-Positive Bacterial Infections/ Epidemiology/ Etiology/ Prevention & Control/ Hemodialysis/ Adverse Effects/ Hepatitis B/ Epidemiology/ Etiology/ Prevention & Control/ Hepatitis B Vaccines/ Standards/ Human/ Infection Control/ Methods/ Population Surveillance/ Staphylococcal Infections/ Epidemiology/ Etiology/ Prevention & Control/ United States/ Epidemiology/ Vancomycin Resistance

From the Centers for Disease Control and Prevention. Progress toward poliomyelitis eradication--Democratic Republic of Congo, 1996-1999. JAMA 2000 Jun 7;283(21):2785-6

Keyword: Child, Preschool/ Congo/ Epidemiology/ Human/ Immunization Programs/ Statistics & Numer Data/ Infant/ Poliomyelitis/ Epidemiology/ Prevention & Control/ Poliovirus Vaccine, Oral/ Population Surveillance

From the Centers for Disease Control and Prevention. Update: Influenza activity--United States, and worldwide, 1999-2000 season, and composition of the 2000-2001 influenza vaccine. JAMA 2000 Jun 7;283(21):2781-3

Keyword: Human/ Influenza/ Epidemiology/ Prevention & Control/ Influenza a Virus/ Influenza B Virus/ Influenza Vaccine/ United States/ Epidemiology/ World Health

Meningococcal disease and college students. Recommendations of the Advisory Committee on Immunization Practices (ACIP). MMWR Morb Mortal Wkly Rep 2000 Jun 30;49(RR-7):13-20

Keyword: Adolescence/ Adult/ Bacterial Vaccines/ Disease Outbreaks/ Prevention & Control/ Human/ Meningococcal Infections/ Epidemiology/ Prevention & Control/ Military Personnel/ Neisseria Meningitidis/ Immunology/ Risk Factors/ Students/ Universities/ Vaccination/ Standards

Prevention and control of meningococcal disease. Recommendations of the Advisory Committee on Immunization Practices (ACIP). MMWR Morb Mortal Wkly Rep 2000 Jun 30;49(RR-7):1-10

Keyword: Adolescence/ Adult/ Antibiotic Prophylaxis/ Bacterial Vaccines/ Child/ Preschool/ Disease Outbreaks/ Prevention & Control/ Human/ Infant/ Meningococcal Infections/ Epidemiology/ Prevention & Control/ Neisseria Meningitidis/ Immunology/ Vaccination/ Standards

Rabies vaccination: comparison of neutralizing antibody responses after priming and boosting with different combinations of DNA, inactivated virus, or recombinant vaccinia virus vaccines. Lodmell, D.L.; Ewalt, L.C. Vaccine 2000 May 8;18(22):2394-8

Keyword: Animal/ Antibodies, Viral/ Biosynthesis, Blood/ Comparative Study/ Female/ Human/ Immunization, Secondary/ Mice/ Neutralization Tests/ Rabies Vaccine/ administration & Dosage/ Rabies Virus/ Immunology/ Vaccines, Dna/administration & Dosage/ Vaccines, Inactivated/administration & Dosage/ Vaccines, Synthetic/administration & Dosage

Routine immunisation for influenza to include those aged 65 years and over and health care workers. Commun Dis Rep CDR Wkly 2000 May 26;10(21):185

Keyword: Age Factors/ Aged/ Female/ Health Personnel/ Human/ Immunization Programs/ Organization & Admin/ Standards/ Influenza/ Prevention & Control/ Influenza Vaccine/ Administration & Dosage/ Male/ United States

Dynamics of meningococcal long-term carriage among university students and their implications for mass vaccination. Ala'Aldeen, D. A., Neal, K. R., Ait-Tahar, K., Nguyen-Van-Tam, J. S., English, A., Falla, T. J., Hawkey, P. M., and Slack, R. C. J Clin Microbiol 2000 Jun;38(6):2311-6

Keyword: Carrier State/ Disease Susceptibility/ Follow-up Studies/ Great Britain/ Epidemiology/ Human/ Meningococcal Infections/ Epidemiology/ Microbiology/ Prevention & Control/ Nasopharynx/ Microbiology/

Neisseria Meningitidis/ Classification/ Isolation & Purif/ Students/ Support, Non-U.s. Gov't/ Universities/ Vaccination

Provider endorsement: the strongest cue in prompting high-risk adults to receive influenza and pneumococcal immunizations. Ashby-Hughes, B. and Nickerson, N. Clin Excell Nurse Pract 1999 Mar;3(2):97-104

Keyword: Adult/ Aged/ Aged, 80 and Over/ Bacterial Vaccines/ Cues/ Female/ Human/ Immunization/ Psychology/ Statistics & Numer Data/ Influenza Vaccine/ Maine/ Male/ Middle Age/ Nurse Practitioners/ Pamphlets/ Patient Acceptance of Health Care/ Psychology/ Statistics & Numer Data/ Patient Education/ Methods/ Pneumococcal Infections/ Prevention & Control/ Professional-Patient Relations/ Questionnaires/ Risk Factors/ Rural Health

Public and private bodies unite to push for global immunisation [news] Ashraf, H. Lancet 2000 Feb 5;355(9202):477.

Keyword: Child/ Human/ Immunization/ World Health

Cell-mediated immunity and antibody responses to *Bordetella pertussis* antigens in children with a history of pertussis infection and in recipients of an acellular pertussis vaccine. Ausiello, C. M., Lande, R., Urbani, F., Di Carlo, B., Stefanelli, P., Salmaso, S., Mastrantonio, P., and Cassone, A. J Infect Dis 2000 Jun;181(6):1989-95

Keyword: Antibodies, Bacterial/ Blood/ Antigens, Bacterial/ Immunology/ *Bordetella Pertussis*/ Immunology/ Child/ Child, Preschool/ Diphtheria Toxoid/ Immunology/ Diphtheria-Tetanus-Pertussis Vaccine/ Immunology/ Human/ Immunity, Cellular/ Interferon Type Ii/ Biosynthesis/ Interleukin-5/ Biosynthesis/ Support, Non-U.s. Gov't/ Support, U.s. Gov't, P.h.s./ Tetanus Toxoid/ Immunology/ Vaccines, Combined/ Immunology/ Whooping Cough/ Immunology

Lipopeptides as immunoadjuvants and immunostimulants in mucosal immunization. Baier, W., Masihi, N., Huber, M., Hoffmann, P., and Bessler, W. G. Immunobiology 2000 Jan;201(3-4):391-405

Keyword: Adjuvants, Immunologic/ Administration, Intranasal/ Animal/ Bee Venoms/ Immunology/ Cells, Cultured/ Chick Embryo/ Female/ Gliadin/ Immunology/ Human/ Influenza a Virus, Human/ Immunology/ Lipoproteins/ Administration & Dosage/ Immunology/ Macrophages/ Immunology/ Melittin/ Immunology/ Mice/ Mice, Inbred Balb C/ Nasal Mucosa/ Ovalbumin/ Immunology/ Peptides/ Administration & Dosage/ Immunology/ Spleen/ Cytology/ Immunology/ Vaccination

Induction of antigen-specific T cell responses in human volunteers after intranasal immunization with a whole-cell pertussis vaccine. Berstad, A. K., Oftung, F., Korsvold, G. E., Haugen, I. L., Froholm, L. O., Holst, J., and Haneberg, B. Vaccine 2000 May 8;18(22):2323-30

Keyword: Adhesins, Bacterial/ Immunology/ Administration, Intranasal/ Adult/ Antibodies, Bacterial/ Biosynthesis/ Antigens, Bacterial/ *Bordetella Pertussis*/ Immunology/ Female/ Hemagglutinins/ Immunology/ Human/ IgA/ Biosynthesis/ IgG/ Biosynthesis/ Immunity, Mucosal/ In Vitro/ Lymphocyte Transformation/ Male/ Middle Age/ Pertussis Toxins/ Immunology/ Pertussis Vaccine/ Administration & Dosage/ Immunology/ T-Lymphocytes/ Immunology

Booster effect of low doses of tetanus toxoid in elderly vaccinees. Bjorkholm, B., Hagberg, L., Sundbeck, G., and Granstrom, M. Eur J Clin Microbiol Infect Dis 2000 Mar;19(3):195-9

Keyword: Aged/ Aged, 80 and Over/ Female/ Human/ Immunization, Secondary/ Male/ Middle Age/ Support, Non-U.s. Gov't/ Tetanus Antitoxin/ Blood/ Tetanus Toxoid/ Administration & Dosage/ Adverse Effects/ Immunology/ Vaccination

A comparison of multiple regimens of pneumococcal polysaccharide-meningococcal outer membrane protein complex conjugate vaccine and pneumococcal polysaccharide vaccine in toddlers. Blum, M. D., Dagan, R., Mendelman, P. M., Pinsk, V., Giordani, M., Li, S., Bohidar, N., and McNeely, T. B. Vaccine

2000 May 8;18(22):2359-67

Keyword: Antibodies, Bacterial/ Blood/ Bacterial Vaccines/ Administration & Dosage/ Adverse Effects/ Comparative Study/ Human/ Immunization, Secondary/ Infant/ Opsonins/ Blood/ Pneumococcal Infections/ Immunology/ Prevention & Control/ Safety/ Streptococcus Pneumoniae/ Immunology/ Vaccines, Conjugate/ Administration & Dosage/ Adverse Effects

Streptococcus pneumoniae infections: effective prevention soon? [editorial] Bona, G. *Minerva Pediatr* 2000 Jan-Feb;52(1-2):3-6

Keyword: Child/ Child, Preschool/ Human/ Infant/ Streptococcal Infections/ Immunology/ Prevention & Control/ Streptococcus Pneumoniae/ Immunology/ Treatment Outcome/ Vaccines/ Therapeutic Use

DNA vaccination and the immune responsiveness of neonates. Bot, A. *Int Rev Immunol* 2000;19(2-3):221-45

Keyword: Animal/ Human/ Immunity, Maternally-Acquired/ Immunology/ Infant, Newborn/ Immunology/ Vaccination/ Vaccines, Dna/ Immunology

Antibody response of patients after postexposure rabies vaccination with small intradermal doses of purified chick embryo cell vaccine or purified Vero cell rabies vaccine. Briggs, D. J., Banzhoff, A., Nicolay, U., Sirikwin, S., Dumavibhat, B., Tongswas, S., and Wasi, C. *Bull World Health Organ* 2000;78(5):693-8

Keyword: Adolescence/ Adult/ Aged/ Animal/ Antibodies, Viral/ Biosynthesis/ Cercopithecus Aethiops/ Chick Embryo/ Child/ Child, Preschool/ Comparative Study/ Drug Administration Schedule/ Female/ Human/ Immunization, Secondary/ Injections, Intradermal/ Injections, Intramuscular/ Male/ Middle Age/ Rabies/ Immunology/ Prevention & Control/ Rabies Vaccine/ Administration & Dosage/ Adverse Effects/ Immunology/ Thailand/ Vero Cells

The generation of dendritic-like cells with increased allostimulatory function from acute myeloid leukemia cells of various FAB subclasses. Brouwer, R. E., van der Hoorn, M., Kluin-Nelemans, H. C., van Zelderden-Bhola, S., Willemze, R., and Falkenburg, J. H.

Designing meningitis vaccines. Buttery, J. P. and Moxon, E. R. *J R Coll Physicians Lond* 2000 Mar-Apr;34(2):163-8

Keyword: Bacterial Vaccines/ Pharmacology/ Carrier Proteins/ Child, Preschool/ Drug Design/ England/ Epidemiology/ Haemophilus Influenzae Type B/ Human/ Infant, Newborn/ Meningitis, Bacterial/ Epidemiology/ Microbiology/ Prevention & Control/ Neisseria Meningitidis/ Streptococcus Pneumoniae/ Vaccines, Conjugate/ Pharmacology/ Wales/ Epidemiology

Varicella vaccine in renal failure. Buttery, J. P. and Moxon, E. R. *Lancet* 2000 Jun 3;355(9219):1930

Keyword: Antibodies, Viral/ Blood/ Chickenpox/ Prevention & Control/ Chickenpox Vaccine/ Immunology/ Child/ Herpesvirus 3, Human/ Immunology/ Kidney Failure, Chronic/ Immunology/ Kidney Transplantation/ Immunology

Partial protection to respiratory syncytial virus (RSV) elicited in mice by intranasal immunization using live staphylococci with surface-displayed RSV-peptides. Cano, F., Plotnicky-Gilquin, H., Nguyen, T. N., Liljeqvist, S., Samuelson, P., Bonnefoy, J., Stahl, S., and Robert, A. *Vaccine* 2000 Jun 1;18(24):2743-52

Keyword: Administration, Intranasal/ Amino Acid Sequence/ Animal/ Antibodies, Viral/ Biosynthesis/ Antigens, Viral/ Immunology/ Cell Separation/ Chimeric Proteins/ Flow Cytometry/ Human/ IgG/ Biosynthesis/ Mice/ Molecular Sequence Data/ Protein Structure, Secondary/ Respiratory Syncytial Viruses/ Immunology/ Staphylococcus/ Surface Properties/ Viral Envelope Proteins/ Genetics/ Immunology/ Viral Fusion Proteins/ Genetics/ Immunology/ Viral Proteins/ Genetics/ Immunology/ Viral Vaccines/ Administration & Dosage/ Immunology

Immune function and vaccine responses in healthy advanced elderly patients. Carson, P. J., Nichol, K. L., O'Brien, J., Hilo, P., and Janoff, E. N. *Arch Intern Med* 2000 Jul 10;160(13):2017-24

Keyword: Adult/ Aged/ Aged, 80 and Over/ Aging/ Immunology/ Bacterial Vaccines/ Administration & Dosage/ Immunology/ Case-Control Studies/ Female/ Human/ IgG/ Blood/ IgM/ Blood/ Immunoglobulins/ Blood/ Leukocyte Count/ Lymphocyte Count/ Lymphocyte Subsets/ Male/ Monocytes/ Support, U.s. Gov't, Non-P.h.s./ Support, U.s. Gov't, P.h.s./ Tumor Necrosis Factor/ Biosynthesis

Vaccines for preventing influenza in people with asthma. Cates, C. J., Jefferson, T. O., Bara, A. I., and Rowe, B. H. Cochrane Database Syst Rev 2000;(2):CD000364

Keyword: Adult/ Asthma/ Complications/ Epidemiology/ Child/ Comorbidity/ Human/ Influenza/ Epidemiology/ Prevention & Control/ Influenza Vaccine/ Therapeutic Use

Facts and fallacies about varicella and the varicella vaccine. Chatterjee, A., Fiechtner, H. B., and Patrick, S. S D J Med 2000 May;53(5):193-7

Keyword: Chickenpox/ Epidemiology/ Prevention & Control/ Chickenpox Vaccine/ Therapeutic Use/ Human/ Incidence/ South Dakota/ Epidemiology/ Survival Rate/ Vaccination/ Legislation & Jurisprud/ Trends

The association between greater continuity of care and timely measles-mumps-rubella vaccination. Christakis, D. A., Mell, L., Wright, J. A., Davis, R., and Connell, F. A. Am J Public Health 2000 Jun;90(6):962-5

Keyword: Child Health Services/ Utilization/ Continuity of Patient Care/ Statistics & Numer Data/ Female/ Human/ Immunization Schedule/ Infant/ Insurance, Health/ Logistic Models/ Male/ Measles Vaccine/ Administration & Dosage/ Mumps Vaccine/ Administration & Dosage/ Rubella Vaccine/ Administration & Dosage/ Support, Non-U.s. Gov't/ Vaccines, Combined/ Administration & Dosage/ Washington

Davison County I-3 pilot project for childhood immunizations in children under two years of age. Christensen, M. J. S D J Med 2000 May;53(5):181-4

Keyword: Child, Preschool/ Comparative Study/ Human/ Immunization/ Statistics & Numer Data/ Infant/ Infant, Newborn/ Local Government/ Patient Compliance/ Pilot Projects/ Preventive Health Services/ Organization & Admin/ Prospective Studies/ South Dakota

CD4+ T cells in adoptive immunotherapy and the indirect mechanism of tumor rejection. Cohen, P. A., Peng, L., Plautz, G. E., Kim, J. A., Weng, D. E., and Shu, S. Crit Rev Immunol 2000;20(1):17-56

Keyword: Animal/ Cd4-Positive T-Lymphocytes/ Immunology/ Human/ Immunotherapy, Adoptive/ Methods/ Neoplasms/ Therapy

The journal 150 & 100 years ago. March 1850 and 1900. Colon, G. A. J La State Med Soc 2000 Mar;152(3):114-8

Keyword: Death/ History of Medicine, Ancient/ History of Medicine, Medieval/ History of Medicine, 17th Cent./ History of Medicine, 18th Cent./ History of Medicine, 19th Cent./ History of Medicine, 20th Cent./ Human/ Louisiana/ Periodicals/ History/ Smallpox/ History/ Prevention & Control/ Vaccination/ History

Consensus statement on the role of hepatitis A vaccination in patients with chronic liver disease. Cooksley, W. G. J Viral Hepat 2000 May;7 Suppl 1:29-30

Keyword: Adult/ Australia/ Chronic Disease/ Comorbidity/ Consensus Development Conferences/ Female/ Hepatitis A/ Epidemiology/ Prevention & Control/ Hepatovirus/ Immunology/ Human/ Immunization Programs/ Liver Diseases/ Epidemiology/ Immunology/ Male/ Viral Hepatitis Vaccines/ Administration & Dosage

What did we learn from the Shanghai hepatitis A epidemic? Cooksley, W. G. J Viral Hepat 2000 May;7 Suppl 1:1-3

Keyword: Adult/ Animal/ China/ Epidemiology/ Clams/ Comorbidity/ Disease Outbreaks/ Prevention & Control/ Female/ Food Poisoning/ Complications/ Hepatitis A/ Epidemiology/ Etiology/ Hepatitis B/ Epidemiology/ Etiology/ Human/ Incidence/ Male/ Risk Assessment/ Risk Factors/ Survival Rate/ Viral Hepatitis Vaccines/ Administration & Dosage

Hepatitis C and the British Columbia experience with hepatitis A vaccination. Daly, P. J Viral Hepat 2000 May;7 Suppl 1:23-5

Keyword: Adolescence/ Adult/ Age Distribution/ Aged/ British Columbia/ Epidemiology/ Child/ Child, Preschool/ Disease Outbreaks/ Prevention & Control/ Female/ Health Surveys/ Hepatitis a/ Epidemiology/ Immunology/ Prevention & Control/ Hepatitis C/ Epidemiology/ Human/ Infant/ Male/ Middle Age/ Prevalence/ Risk Factors/ Viral Hepatitis Vaccines/ Administration & Dosage

Mismatch between the 1997/1998 influenza vaccine and the major epidemic A(H3N2) virus strain as the cause of an inadequate vaccine-induced antibody response to this strain in the elderly. de Jong, J. C., Beyer, W. E., Palache, A. M., Rimmelzwaan, G. F., and Osterhaus, A. D. J Med Virol 2000 May;61(1):94-9

Keyword: Adult/ Aged/ Aged, 80 and Over/ Animal/ Antibody Formation/ Ferrets/ Hemagglutinin Glycoproteins, Influenza Virus/ Blood/ Immunology/ Human/ Influenza/ Blood/ Immunology/ Prevention & Control/ Influenza a Virus/ Classification/ Immunology/ Influenza Vaccine/ Middle Age/ Vaccination

Symptomatic pericarditis after influenza vaccination: report of two cases. de Meester, A., Luwaert, R., and Chaudron, J. M. Chest 2000 Jun;117(6):1803-5

Keyword: Acute Disease/ Adult/ Aged/ Case Report/ Echocardiography/ Electrocardiography/ Human/ Influenza Vaccine/ Administration & Dosage/ Adverse Effects/ Male/ Pericarditis/ Etiology/ Ultrasonography

Vaccines for preventing tick-borne encephalitis. Demicheli, V., Graves, P., Pratt, M., and Jefferson, T. Vaccines for preventing influenza in healthy adults. Demicheli, V., Rivetti, D., Deeks, J. J., and Jefferson, T. O. Cochrane Database Syst Rev 2000;(2):CD001269

Keyword: Adult/ Human/ Influenza/ Prevention & Control/ Influenza Vaccine/ Therapeutic Use

Genotypic and phenotypic diversity of rabies virus variants involved in human rabies: implications for postexposure prophylaxis. Dietzschold, B., Morimoto, K., Hooper, D. C., Smith, J. S., Rupprecht, C. E., and Koprowski, H. J Hum Virol 2000 Jan-Feb;3(1):50-7

Keyword: Amino Acid Sequence/ Animal/ Cells, Cultured/ Chiroptera/ Comparative Study/ Dogs/ Genotype/ Gtp-Binding Proteins/ Chemistry/ Human/ Lethal Dose 50/ Mice/ Molecular Sequence Data/ Phenotype/ Rabies/ Prevention & Control/ Virology/ Rhabdoviridae/ Chemistry/ Genetics/ Isolation & Purif/ Sequence Alignment/ Sequence Homology, Amino Acid/ Support, Non-U.s. Gov't/ Support, U.s. Gov't, P.h.s./ Vaccination/ Viral Proteins/ Chemistry/ Viral Vaccines/ Administration & Dosage

Tuberculosis vaccines: developmental work and the future. Doherty, T. M. and Andersen, P. Curr Opin Pulm Med 2000 May;6(3):203-8

Keyword: Animal/ Bcg Vaccine/ Human/ Mycobacterium Tuberculosis/ Genetics/ Tuberculosis/ Prevention & Control/ Vaccines, Attenuated/ Vaccines, Dna

Phosphatidylserine expression on cell surfaces promotes antibody-dependent aggregation and thrombosis in beta2-glycoprotein I-immune mice. Dombroski, D., Balasubramanian, K., and Schroit, A. J. J Autoimmun 2000 May;14(3):221-9

Keyword: Animal/ Antibodies, Antiphospholipid/ Immunology/ Cell Membrane/ Immunology/ Female/ Glycoproteins/ Immunology/ Human/ Immunization/ Mice/ Mice, Inbred Balb C/ Phosphatidylserines/ Immunology/ Rabbits/ Support, U.s. Gov't, P.h.s./ Thrombosis/ Immunology

Increased safety level of serotype 3 Sabin oral poliomyelitis vaccine lots by improved seed virus, and tissue culture and virus infection conditions. Dorsam, V., Weimer, T., Schmeel, A., Hein, B., Enssle, K., Chumakov, K. M., and Fibi, M. R.

Vaccines for preventing typhoid fever. Engels, E. A. and Lau, J. Cochrane Database Syst Rev 2000;(2):CD001261

Keyword: Adolescence/ Adult/ Child/ Child, Preschool/ Human/ Salmonella Typhi/ Immunology/ Typhoid/ Immunology/ Prevention & Control/ Typhoid-Paratyphoid Vaccines/ Administration & Dosage/

Therapeutic Use/ Vaccines, Attenuated/ Administration & Dosage/ Therapeutic Use

Prevention and treatment of respiratory syncytial virus and parainfluenza viruses in immunocompromised patients. Englund, J. A., Piedra, P. A., and Whimbey, E. Am J Med 1997 Mar 17;102(3A):61-70; discussion 75-6

Keyword: Adult/ Anti-Inflammatory Agents, Steroidal/ Therapeutic Use/ Antibodies, Monoclonal/ Administration & Dosage/ Antiviral Agents/ Therapeutic Use/ Bronchodilator Agents/ Therapeutic Use/ Child/ Diagnosis, Differential/ Drug Therapy, Combination/ Human/ Immunocompromised Host/ Influenza Vaccine/ Administration & Dosage/ Orthomyxoviridae/ Immunology/ Orthomyxoviridae Infections/ Diagnosis/ Drug Therapy/ Prevention & Control/ Respiratory Syncytial Virus Infections/ Diagnosis/ Drug Therapy/ Prevention & Control

Seroconversion and duration of immunity after vaccination against group C meningococcal infection in young children. Espin Rios, I., Garcia-Fulgueiras, A., Navarro Alonso, J. A., Vazquez Moreno, J., Rodriguez Gonzalez, T., Navarro Sanchez, C., and Perez-Flores, D. Vaccine 2000 Jun 1;18(24):2656-60
Keyword: Antigens, Bacterial/ Immunology/ Bacterial Vaccines/ Immunology/ Child, Preschool/ Female/ Human/ Immunization Schedule/ Infant/ Male/ Meningococcal Infections/ Prevention & Control/ Neisseria Meningitidis/ Immunology/ Polysaccharides, Bacterial/ Immunology/ Risk Factors/ Spain

Norwalk virus vaccines: challenges and progress. Estes, M. K., Ball, J. M., Guerrero, R. A., Opekun, A. R., Gilger, M. A., Pacheco, S. S., and Graham, D. Y. J Infect Dis 2000 May;181 Suppl 2:S367-73.

Keyword: Caliciviridae Infections/ Prevention & Control/ Human/ Immunity, Mucosal/ Norwalk Virus/ Immunology/ Support, Non-U.s. Gov't/ Support, U.s. Gov't, P.h.s./ Vaccines, Synthetic/ Immunology/ Viral Vaccines/ Immunology

Cellular immune responses in neonates. Fadel, S. and Sarzotti, M. Int Rev Immunol 2000;19(2-3):173-93

Keyword: Adaptation, Physiological/ Immunology/ Animal/ Animals, Newborn/ Immunology/ Human/ Immunity, Cellular/ Immunology/ Infant, Newborn/ Immunology/ Mice/ Support, U.s. Gov't, P.h.s./ T-Lymphocytes/ Immunology/ Vaccines/ Immunology

Lyme disease vaccine: good for dogs, adults, and children? Feder, H. M. Jr Pediatrics 2000 Jun;105(6):1333-4

Keyword: Bacterial Vaccines/ Child/ Human/ Lyme Disease/ Prevention & Control/ Membrane Proteins

Lyme arthritis resolution with antiserum to a 37-kilodalton *Borrelia burgdorferi* protein. Feng, S., Hodzic, E., and Barthold, S. W. Infect Immun 2000 Jul;68(7):4169-73

Keyword: Animal/ Antibodies, Bacterial/ Blood/ Antigens, Bacterial/ Chemistry/ Genetics/ Bacterial Proteins/ Chemistry/ Genetics/ Immunology/ *Borrelia Burgdorferi*/ Genetics/ Immunology/ Disease Models, Animal/ Genes, Bacterial/ Human/ Immunization/ Lyme Disease/ Immunology/ Mice/ Mice, Inbred C3h/ Mice, Scid/ Molecular Weight/ Support, Non-U.s. Gov't/ Support, U.s. Gov't, P.h.s.

Haemophilus influenzae oral vaccination against acute bronchitis. Foxwell, A. R. and Cripps, A. W. Cochrane Database Syst Rev 2000;(2):CD001958

Keyword: Acute Disease/ Bronchitis/ Prevention & Control/ Haemophilus Vaccines/ Human/ Recurrence

Recrudescence of cutaneous *Mycobacterium haemophilum* lesions following tetanus immunization. Gibson, M. K., Villano, S. A., Huff, C. A., and Cofrancesco, J. Clin Infect Dis 1999 Apr;28(4):919-20

Keyword: Aids-Related Opportunistic Infections/ Pathology/ Case Report/ Human/ Male/ Middle Age/ *Mycobacterium Haemophilum*/ Mycobacterium Infections/ Pathology/ Recurrence/ Skin/ Pathology/ Skin Diseases, Bacterial/ Pathology/ Tetanus/ Prevention & Control/ Tetanus Toxoid/ Adverse Effects/ Vaccination

Influence of live respiratory syncytial virus priming on the immune response generated by a recombinant vaccine candidate, BBG2Na. Goestch, L., Plotnicky-Gilquin, H., Champion, T., Beck, A., Haeuw, J. F.,

Nguyen, T., Bonnefoy, J. Y., and Corvaia, N. Vaccine 2000 Jun 1;18(24):2648-55

Keyword: Animal/ Antibodies, Viral/ Biosynthesis/ Antigens, Viral/ Immunology/ Bacterial Proteins/ Immunology/ Cytokines/ Biosynthesis/ Enzyme-Linked Immunosorbent Assay/ Epitope Mapping/ Human/ Mice/ Recombinant Proteins/ Immunology/ Respiratory Syncytial Viruses/ Immunology/ Isolation & Purif/ Viral Envelope Proteins/ Immunology/ Viral Fusion Proteins/ Immunology/ Viral Proteins/ Immunology/ Viral Vaccines/ Immunology

Advances in the management of tuberculosis: clinical trials and beyond. Grange, J. M. and Zumla, A. Curr Opin Pulm Med 2000 May;6(3):193-7

Keyword: Antitubercular Agents/ Therapeutic Use/ Bcg Vaccine/ Human/ Tuberculosis/ Drug Therapy/ Prevention & Control/ Tuberculosis, Multidrug-Resistant/ Drug Therapy

Vaccines for preventing cholera. Graves, P., Deeks, J., Demicheli, V., Pratt, M., and Jefferson, T. Cochrane Database Syst Rev 2000;(2):CD000974

Keyword: Adult/ Cholera/ Prevention & Control/ Cholera Vaccine/ Therapeutic Use/ Human

Vaccines for preventing malaria. Graves, P. and Gelband, H. Cochrane Database Syst Rev 2000;(2):CD000129

Keyword: Adult/ Human/ Malaria/ Prevention & Control/ Malaria Vaccines/ Therapeutic Use/ Malaria, Falciparum/ Prevention & Control/ Protozoan Proteins/ Therapeutic Use

Intrinsic ICAM-1/LFA-1 activation mediates altered responsiveness of atopic asthmatic airway smooth muscle. Grunstein, M. M., Hakonarson, H., Maskeri, N., Kim, C., and Chuang, S. Am J Physiol Lung Cell Mol Physiol 2000 Jun;278(6):L1154-63

Keyword: Animal/ Asthma/ Blood/ Etiology/ Immunology/ Physiopathology/ Cells, Cultured/ Gene Expression/ Gene Expression Regulation/ Physiology/ Human/ Hypersensitivity/ Complications/ Immunization/ In Vitro/ Intercellular Adhesion Molecule-1/ Genetics/ Physiology/ Interleukin-5/ Physiology/ Lymphocyte Function-Associated Antigen-1/ Genetics/ Physiology/ Muscle, Smooth/ Immunology/ Physiopathology/ Rabbits/ Support, U.s. Gov't, P.h.s./ Trachea/ Immunology/ Physiopathology

Lidocaine-prilocaine patch decreases the pain associated with the subcutaneous administration of measles-mumps-rubella vaccine but does not adversely affect the antibody response. Halperin, S. A., McGrath, P., Smith, B., and Houston, T. J Pediatr 2000 Jun;136(6):789-94

Keyword: Administration, Topical/ Anesthetics, Combined/ Administration & Dosage/ Anesthetics, Local/ Administration & Dosage/ Antibodies/ Blood/ Double-Blind Method/ Female/ Human/ Infant/ Injections, Subcutaneous/ Lidocaine/ Administration & Dosage/ Male/ Measles Vaccine/ Adverse Effects/ Immunology/ Mumps Vaccine/ Adverse Effects/ Immunology/ Pain/ Etiology/ Prevention & Control/ Prilocaine/ Administration & Dosage/ Rubella Vaccine/ Adverse Effects/ Immunology/ Support, Non-U.s. Gov't/ Vaccines, Combined/ Adverse Effects/ Immunology

Pancreatitis following hepatitis A vaccination. Haviv, Y. S., Sharkia, M., Galun, E., and Safadi, R. Eur J Med Res 2000 May 23;5(5):229-30

Keyword: Acute Disease/ Adult/ Antigens, Viral/ Immunology/ Case Report/ Cross Reactions/ Hepatitis a Virus, Human/ Immunology/ Male/ Pancreatitis/ Etiology/ Vaccines, Inactivated/ Adverse Effects/ Viral Hepatitis Vaccines/ Adverse Effects

Comparison of higher-dose intradermal hepatitis B vaccination to standard intramuscular vaccination of healthcare workers. Henderson, E. A., Louie, T. J., Ramotar, K., Ledgerwood, D., Hope, K. M., and Kennedy, A. Infect Control Hosp Epidemiol 2000 Apr;21(4):264-9

Keyword: Adolescence/ Adult/ Aged/ Comparative Study/ Cost-Benefit Analysis/ Dose-Response Relationship, Drug/ Female/ Hepatitis B/ Prevention & Control/ Hepatitis B Surface Antigens/ Analysis/ Hepatitis B Vaccines/ Administration & Dosage/ Immunology/ Human/ Injections, Intradermal/ Injections, Intramuscular/ Male/ Middle Age/ Personnel, Hospital/ Vaccines, Dna/ Administration & Dosage

Review of regional measles surveillance data in the Americas, 1996-99. Hersh, B. S., Tambini, G.,

Nogueira, A. C., Carrasco, P., and de Quadros, C. A. Lancet 2000 Jun 3;355(9219):1943-8

Keyword: Adolescence/ Adult/ Americas/ Epidemiology/ Child/ Child, Preschool/ Human/ Immunization Programs/ Infant/ Measles/ Epidemiology/ Mortality/ Prevention & Control/ Measles Vaccine/ Measles Virus/ Isolation & Purif/ Pan American Health Organization/ Population Surveillance

Rotavirus vaccine, live, oral, tetrivalent (RotaShield). Hochwald, C. and Kivela, L. Pediatr Nurs 1999 Mar-Apr;25(2):203-4, 207

Keyword: Administration, Oral/ Child, Preschool/ Human/ Incidence/ Infant/ Rotavirus Infections/ Complications/ Epidemiology/ Prevention & Control/ Transmission/ United States/ Epidemiology/ Vaccines, Attenuated/ Administration & Dosage/ Immunology/ Viral Vaccines/ Administration & Dosage/ Immunology

Persistent fetal rubella vaccine virus infection following inadvertent vaccination during early pregnancy. Hofmann, J., Kortung, M., Pustowoit, B., Faber, R., Piskazeck, U., and Liebert, U. G. J Med Virol 2000 May;61(1):155-8

Keyword: Adult/ Animal/ Case Report/ Cercopithecus Aethiops/ Female/ Fetal Diseases/ Prevention & Control/ Virology/ Human/ Infant/ Male/ Pregnancy/ Pregnancy Complications, Infectious/ Prevention & Control/ Virology/ Reverse Transcriptase Polymerase Chain Reaction/ Rubella/ Congenital/ Prevention & Control/ Transmission/ Virology/ Rubella Virus/ Genetics/ Isolation & Purif/ Rna, Viral/ Analysis/ Sequence Analysis, Dna/ Vaccination/ Adverse Effects/ Vero Cells

Atopy, asthma, and the mycobacteria [editorial; comment] Hopkin, J. M. Thorax 2000 Jun;55(6):443-5

Keyword: Asthma/ Epidemiology/ Immunology/ Bcg Vaccine/ Immunology/ Human/ Hypersensitivity, Immediate/ Epidemiology/ Immunology/ Ige/ Immunology/ Interleukins/ Immunology/ Mycobacteriaceae/ Immunology/ T-Lymphocytes, Helper-Inducer/ Immunology/ Tuberculin/ Immunology

Failed adoptive immunity transfer: reactivation or reinfection? Ireland, J., Hino, K., Lau, G. K., Cheng, C., and Carman, W. F. J Viral Hepat 1999 Jan;6(1):73-8

Keyword: Adoptive Transfer/ Adult/ Amino Acid Sequence/ Bone Marrow Transplantation/ Case Report/ Female/ Fluorescent Antibody Technique/ Hepatitis B/ Genetics/ Immunology/ Virology/ Hepatitis B Surface Antigens/ Blood/ Genetics/ Immunology/ Hepatitis B Virus/ Growth & Development/ Genetics/ Immunology/ Human/ Molecular Sequence Data/ Polymerase Chain Reaction/ Recurrence/ Sequence Analysis, Dna/ Virus Activation

The course of hepatitis B virus after liver transplantation. Israeli, E., Eid, A., Ilan, Y., Adler, R., Galun, E., Ashur, Y., Jurim, O., and Safadi, R. Transplant Proc 2000 Jun;32(4):711

Keyword: Follow-up Studies/ Hepatitis B/ Mortality/ Physiopathology/ Surgery/ Human/ Immunization, Passive/ Liver Failure/ Etiology/ Surgery/ Liver Transplantation/ Mortality/ Physiology/ Recurrence/ Retrospective Studies/ Survival Rate/ Time Factors

Postexposure rabies vaccination in patients infected with human immunodeficiency virus. Jaijaroensup, W., Tantawichien, T., Khawplod, P., Tepsumethanon, S., and Wilde, H. Clin Infect Dis 1999 Apr;28(4):913-4

Keyword: Antibodies, Viral/ Blood/ Human/ Hiv Infections/ Complications/ Immunology/ Neutralization Tests/ Rabies/ Prevention & Control/ Rabies Vaccine/ Administration & Dosage/ Rabies Virus/ Immunology/ Support, Non-U.s. Gov't/ Vaccination

Real or perceived adverse effects of vaccines and the media--a tale of our times [editorial] Jefferson, T. J Epidemiol Community Health 2000 Jun;54(6):402-3

Keyword: Child/ Child, Preschool/ Human/ Immunization Programs/ Mass Media/ Measles Vaccine/ Administration & Dosage/ Adverse Effects/ Mumps Vaccine/ Administration & Dosage/ Adverse Effects/ Parents/ Psychology/ Public Opinion/ Rubella Vaccine/ Administration & Dosage/ Adverse Effects/ Vaccines, Combined/ Administration & Dosage/ Adverse Effects

Vaccines for preventing anthrax. Jefferson, T., Demicheli, V., Deeks, J., Graves, P., Pratt, M., and

Rivetti, D. Cochrane Database Syst Rev 2000;(2):CD000975

Keyword: Adult/ Anthrax/ Immunology/ Prevention & Control/ Human/ Vaccines/ Therapeutic Use

Vaccines for preventing hepatitis B in health-care workers. Jefferson, T., Demicheli, V., Deeks, J., MacMillan, A., Sassi, F., and Pratt, M. Cochrane Database Syst Rev 2000;(2):CD000100

Keyword: Disease Transmission, Patient-to-Professional/ Prevention & Control/ Health Personnel/ Hepatitis B/ Prevention & Control/ Transmission/ Hepatitis B Vaccines/ Human/ Occupational Diseases/ Prevention & Control/ Vaccination

Vaccines for preventing plague. Jefferson, T., Demicheli, V., and Pratt, M. Cochrane Database Syst Rev 2000;(2):CD000976

Keyword: Human/ Plague/ Immunology/ Prevention & Control/ Plague Vaccine/ Therapeutic Use/ Vaccines, Attenuated/ Therapeutic Use/ Vaccines, Inactivated/ Therapeutic Use

Measles vaccine immunogenicity and antibody persistence in 12 vs 15-month old infants. Johnson, C. E., Darbari, A., Darbari, D. S., Nalin, D., Whitwell, J., Chui, L. W., Cleves, M. A., and Kumar, M. L. Vaccine 2000 May 8;18(22):2411-5

Keyword: Age Factors/ Antibodies, Viral/ Blood/ Comparative Study/ Female/ Human/ Immunity, Maternally-Acquired/ Immunization Schedule/ Immunization, Passive/ Infant/ Measles Vaccine/ Administration & Dosage/ Immunology/ Measles Virus/ Immunology/ Mumps Vaccine/ Administration & Dosage/ Immunology/ Pregnancy/ Rubella Vaccine/ Administration & Dosage/ Immunology/ Vaccines, Combined/ Administration & Dosage/ Immunology

Laboratory findings in tick-borne encephalitis--correlation with clinical outcome [see comments] Kaiser, R. and Holzmann, H. Infection 2000 Mar-Apr;28(2):78-84

Keyword: Adolescence/ Adult/ Aged/ Aged, 80 and Over/ Antibodies, Viral/ Blood/ Cerebrospinal Fluid/ Diagnosis, Differential/ Encephalitis Viruses, Tick-Borne/ Immunology/ Encephalitis, Tick-Borne/ Blood/ Cerebrospinal Fluid/ Pathology/ Enzyme-Linked Immunosorbent Assay/ Female/ Human/ Immunization/ Standards/ Immunization, Passive/ Male/ Meningitis, Viral/ Virology/ Middle Age/ Prognosis/ Severity of Illness Index/ Support, Non-U.s. Gov't

Granulocyte-macrophage colony-stimulating factor enhances the efficacy of hepatitis B virus vaccine in previously unvaccinated haemodialysis patients. Kapoor, D., Aggarwal, S. R., Singh, N. P., Thakur, V., and Sarin, S. K. J Viral Hepat 1999 Sep;6(5):405-9

Keyword: Adjuvants, Immunologic/ Administration & Dosage/ Adult/ Female/ Granulocyte-Macrophage Colony-Stimulating Factor/ Administration & Dosage/ Immunology/ Hemodialysis/ Hepatitis B/ Prevention & Control/ Hepatitis B Antibodies/ Blood/ Hepatitis B Vaccines/ Administration & Dosage/ Immunology/ Hepatitis B Virus/ Immunology/ Human/ Kidney Failure, Chronic/ Therapy/ Male/ Middle Age/ Treatment Outcome/ Vaccination

Hepatitis A in patients with chronic liver disease - severity of illness and prevention with vaccination. Keeffe, E. J Viral Hepat 2000 May;7 Suppl 1:15-7

Keyword: Chronic Disease/ Comorbidity/ Disease Outbreaks/ Prevention & Control/ Female/ Hepatitis a/ Epidemiology/ Hepatitis B, Chronic/ Epidemiology/ Human/ Liver Diseases/ Epidemiology/ Male/ Prognosis/ Risk Assessment/ Severity of Illness Index/ Survival Rate/ Vaccination/ Methods/ Viral Hepatitis Vaccines/ Administration & Dosage

Effect of a monetary sanction on immunization rates of recipients of aid to families with dependent children [see comments] Kerpelman, L. C., Connell, D. B., and Gunn, W. J. JAMA 2000 Jul 5;284(1):53-9

Keyword: Child Welfare/ Economics/ Child, Preschool/ Ethnic Groups/ Female/ Georgia/ Human/ Immunization Programs/ Infant/ Male/ Poverty/ Support, Non-U.s. Gov't/ Vaccination/ Economics/ Utilization

Influenza vaccination does not promote cellular or humoral activation among heart transplant recipients. Kimball, P., Verbeke, S., Flattery, M., Rhodes, C., and Tolman, D. Transplantation 2000 Jun 15;69(11):2449-51

Keyword: Aged/ Antibody Formation/ Drug Effects/ Graft Rejection/ Epidemiology/ Immunology/ Graft Survival/ Drug Effects/ Heart Transplantation/ Immunology/ Human/ Hla Antigens/ Immunology/ Immunity, Cellular/ Drug Effects/ Immunosuppressive Agents/ Therapeutic Use/ Incidence/ Influenza Vaccine/ Adverse Effects/ Isoantibodies/ Immunology/ Lymphocyte Subsets/ Drug Effects/ Middle Age

Hepatitis B vaccine. Kumar, B. and John, T. J. Indian Pediatr 1999 May;36(5):517-8

Keyword: Child, Preschool/ Creutzfeldt-Jakob Syndrome/ Chemically Induced/ Dose-Response Relationship, Drug/ Encephalopathy, Bovine Spongiform/ Chemically Induced/ Female/ Hepatitis B/ Prevention & Control/ Hepatitis B Vaccines/ Administration & Dosage/ Adverse Effects/ Human/ India/ Infant/ Infant, Newborn/ Male/ Risk Assessment

Efficient vaccination by intradermal or intramuscular inoculation of plasmid DNA expressing hepatitis B surface antigen under desmin promoter/enhancer control. Kwissa, M., von Kampen, v. K., Zurbriggen, R., Gluck, R., Reimann, J., and Schirmbeck, R. Vaccine 2000 May 8;18(22):2337-44

Keyword: Animal/ Cell Line/ Desmin/ Genetics/ Enhancer Elements (Genetics)/ Female/ Hepatitis B Antibodies/ Biosynthesis/ Hepatitis B Surface Antigens/ Genetics/ Hepatitis B Vaccines/ Administration & Dosage/ Genetics/ Human/ Injections, Intradermal/ Injections, Intramuscular/ Mice/ Mice, Inbred Balb C/ Plasmids/ Genetics/ Promoter Regions (Genetics)/ Support, Non-U.s. Gov't/ T-Lymphocytes, Cytotoxic/ Immunology/ Th1 Cells/ Immunology/ Vaccines, Dna/ Administration & Dosage/ Genetics

AAP issues recommendations on the prevention and treatment of Lyme disease. Lapp, T. Am Fam Physician 2000 Jun 1;61(11):3463-4

Keyword: Bacterial Vaccines/ Therapeutic Use/ Borrelia Burgdorferi/ Immunology/ Human/ Lyme Disease/ Drug Therapy/ Prevention & Control/ Pediatrics/ Practice Guidelines/ Societies, Medical/ United States

Tuberculosis of the penis after intravesical bacillus Calmette-Guerin treatment. Latini, J. M., Wang, D. S., Forgacs, P., and Bahrle, W. 3rd J Urol 2000 Jun;163(6):1870

Keyword: Aged/ Bladder Neoplasms/ Therapy/ Bcg Vaccine/ Adverse Effects/ Therapeutic Use/ Carcinoma, Transitional Cell/ Therapy/ Case Report/ Human/ Male/ Tuberculosis, Male Genital/ Etiology

Epidemiology of primary varicella and herpes zoster hospitalizations: the pre-varicella vaccine era. Lin, F. and Hadler, J. L. J Infect Dis 2000 Jun;181(6):1897-905

Keyword: Adolescence/ Adult/ Age Factors/ Aged/ Chickenpox/ Complications/ Ethnology/ Epidemiology/ Child/ Child, Preschool/ Female/ Herpes Zoster/ Complications/ Ethnology/ Epidemiology/ Hospitalization/ Economics/ Human/ Infant/ Infant, Newborn/ Male/ Middle Age/ Support, U.s. Gov't, P.h.s./ Time Factors/ Vaccination

Controlled trial of immune response of preterm infants to recombinant hepatitis B and inactivated poliovirus vaccines administered simultaneously shortly after birth. Linder, N., Handsher, R., German, B., Sirota, L., Bachman, M., Zinger, S., Mendelson, E., and Barzilai, A. Arch Dis Child Fetal Neonatal Ed 2000 Jul;83(1):F24-7

Keyword: Antibodies, Viral/ Biosynthesis/ Female/ Follow-up Studies/ Hepatitis B Vaccines/ Immunology/ Hepatitis B Virus/ Immunology/ Human/ Immunization Schedule/ Infant, Newborn/ Infant, Premature/ Immunology/ Male/ Poliovirus Vaccine/ Immunology/ Polioviruses, Human 1-3/ Immunology/ Support, Non-U.s. Gov't/ Vaccines, Synthetic/ Immunology

Was typhoid inoculation safe and effective during World War I? Debates within German military medicine. Linton, D. S. J Hist Med Allied Sci 2000 Apr;55(2):101-33

Keyword: Germany/ History of Medicine, 20th Cent./ Human/ Military Medicine/ History/ Support, Non-U.s. Gov't/ Typhoid/ History/ Prevention & Control/ Typhoid-Paratyphoid Vaccines/ History/ Vaccination/ History/ War/ History

A virological perspective on the need for vaccination. Locarnini, S. J Viral Hepat 2000 May;7 Suppl 1:5-6

Keyword: Carrier State/ Immunology/ Prevention & Control/ Female/ Hepatitis a/ Immunology/ Prevention & Control/ Hepatitis B, Chronic/ Immunology/ Prevention & Control/ Hepatitis C, Chronic/ Immunology/ Prevention & Control/ Human/ Male/ Sensitivity and Specificity/ Superinfection/ Prevention & Control/ Vaccination/ Methods/ Viral Hepatitis Vaccines/ Administration & Dosage

Rabies vaccination: comparison of neutralizing antibody responses after priming and boosting with different combinations of DNA, inactivated virus, or recombinant vaccinia virus vaccines. Lodmell, D. L. and Ewalt, L. C. Violence in research. Loff, B. Lancet 2000 May 20;355(9217):1806

Keyword: Aids Vaccines/ Human/ Human Experimentation/ Violence

Safety, immunogenicity, and induction of immunologic memory by a serogroup C meningococcal conjugate vaccine in infants: A randomized controlled trial [see comments] MacLennan, J. M., Shackley, F., Heath, P. T., Deeks, J. J., Flamank, C., Herbert, M., Griffiths, H., Hatzmann, E., Goilav, C., and Moxon, E. R. JAMA 2000 Jun 7;283(21):2795-801

Keyword: Analysis of Variance/ Antibodies, Bacterial/ Biosynthesis/ Immunology/ Bacterial Vaccines/ Administration & Dosage/ Immunology/ Blood Bactericidal Activity/ Double-Blind Method/ Enzyme-Linked Immunosorbent Assay/ Female/ Human/ IgG/ Immunology/ Immunization, Secondary/ Immunologic Memory/ Infant/ Male/ Neisseria Meningitidis/ Classification/ Immunology/ Probability/ Serotyping/ Support, Non-U.S. Gov't/ Vaccines, Conjugate/ Administration & Dosage/ Immunology

Arthritis following combined vaccine against diphtheria, polyomyelitis, and tetanus toxoid [see comments] Maillefert, J. F., Tonolli-Serabian, I., Cherasse, A., Demoux, A. L., Tavernier, C., and Piroth, L. Clin Exp Rheumatol 2000 Mar-Apr;18(2):255-6

Keyword: Adolescence/ Adult/ Ankle Joint/ Pathology/ Surgery/ Arthritis, Infectious/ Etiology/ Pathology/ Case Report/ Diphtheria Toxoid/ Adverse Effects/ Female/ Human/ Knee Joint/ Pathology/ Surgery/ Poliovirus Vaccine/ Adverse Effects/ Tetanus Toxoid/ Adverse Effects/ Vaccination/ Adverse Effects/ Vaccines, Combined/ Adverse Effects

Immunization in cancer. Marwaha, R. K. Indian Pediatr 1999 Aug;36(8):836-7

Keyword: Child/ Human/ Immunization/ Immunization Schedule/ Neoplasms/ Immunology

Impact of a local newspaper campaign on the uptake of the measles mumps and rubella vaccine.

Mason, B. W. and Donnelly, P. D. J Epidemiol Community Health 2000 Jun;54(6):473-4

Keyword: Human/ Immunization Programs/ Statistics & Numer Data/ Standards/ Infant/ Measles Vaccine/ Administration & Dosage/ Mumps Vaccine/ Administration & Dosage/ Newspapers/ Patient Acceptance of Health Care/ Psychology/ Statistics & Numer Data/ Rubella Vaccine/ Administration & Dosage/ Vaccines, Combined/ Administration & Dosage/ Wales

Norwalk-like virus infection in military forces: epidemic potential, sporadic disease, and the future direction of prevention and control efforts. McCarthy, M., Estes, M. K., and Hyams, K. C. J Infect Dis 2000 May;181 Suppl 2:S387-91

Keyword: Caliciviridae Infections/ Epidemiology/ Prevention & Control/ Disease Outbreaks/ Human/ Military Personnel/ Norwalk Virus/ Isolation & Purif/ Viral Vaccines/ Immunology

Neonatal tolerant immunity for vaccination against autoimmunity. Min, B., Legge, K. L., Li, L., Caprio, J. C., Pack, C. D., Gregg, R., McGavin, D., Slauson, D., and Zaghouani, H. Int Rev Immunol 2000;19(2-3):247-64

Keyword: Animal/ Animals, Newborn/ Immunology/ Antigen Presentation/ Immunology/ Autoimmunity/ Immunology/ Human/ Immune Tolerance/ Immunology/ Immunoglobulins/ Immunology/ Infant, Newborn/ Immunology/ Peptides/ Immunology/ Vaccination

Tumor-specific immunotherapy based on dominant models of natural tolerance. Montero, E., Amador, J. F., Perez, R., and Lage, A. Med Hypotheses 2000 Apr;54(4):531-6

Keyword: Adaptation, Physiological/ Immunology/ Cancer Vaccines/ Homeostasis/ Human/

Immunotherapy/ Lymphocyte Count/ Neoplasms/ Immunology/ Therapy/ T-Lymphocytes/ Immunology

Local and systemic immune response in community-dwelling elderly after intranasal or intramuscular immunization with inactivated influenza vaccine. Muszkat, M., Yehuda, A. B., Schein, M. H., Friedlander, Y., Naveh, P., Greenbaum, E., Schlesinger, M., Levy, R., Zakay-Rones, Z., and Friedman, G. *Administration, Intranasal/ Aged/ Aged, 80 and Over/ Antibody Formation/ Female/ Human*

The importance of allergens in the development of asthma and the persistence of symptoms. Nelson, H. S. *J Allergy Clin Immunol* 2000 Jun;105(6 Pt 2):S628-32

Keyword: Adult/ Allergens/ Immunology/ Animal/ Asthma/ Immunology/ Child/ Child, Preschool/ Dust/ Adverse Effects/ Human/ Immunization/ Mites/ Immunology

Hepatitis B vaccine. Ott, M. J. and Aruda, M. *J Pediatr Health Care* 1999 Sep-Oct;13(5):211-6

Keyword: Adolescence/ Child/ Child, Preschool/ Hepatitis B/ Epidemiology/ Prevention & Control/ Hepatitis B Vaccines/ Administration & Dosage/ Adverse Effects/ Human/ Immunization Schedule/ Infant/ Information Services/ Internet/ Morbidity/ Pediatric Nursing/ Practice Guidelines/ Risk Factors/ United States/ Epidemiology/ Vaccination/ Methods/ Nursing

Experience with live attenuated varicella vaccine (Oka strain) in healthy Japanese subjects; 10-year survey at pediatric clinic. Ozaki, T., Nishimura, N., and Kajita, Y. *Vaccine* 2000 May 8;18(22):2375-80

Keyword: Adolescence/ Adult/ Ambulatory Care Facilities/ Antibodies, Viral/ Blood/ Chickenpox/ Immunology/ Prevention & Control/ Chickenpox Vaccine/ Adverse Effects/ Pharmacology/ Child/ Child, Preschool/ Herpesvirus 3, Human/ Immunology/ Infant/ Japan/ Vaccines, Attenuated/ Adverse Effects/ Pharmacology

Polysaccharide vaccines for preventing serogroup A meningococcal meningitis. Patel, M. *Cochrane Database Syst Rev* 2000;(2):CD001093

Keyword: Human/ Meningitis, Meningococcal/ Immunology/ Prevention & Control/ Neisseria Meningitidis/ Classification/ Immunology/ Polysaccharides/ Vaccines, Conjugate/ Therapeutic Use

Studies on the attenuation phenotype of polio vaccines: poliovirus RNA polymerase derived from Sabin type 1 sequence is temperature sensitive in the uridylylation of VPg. Paul, A. V., Mugavero, J., Yin, J., Hobson, S., Schultz, S., van Boom, J. H., and Wimmer, E. *Virology* 2000 Jun 20;272(1):72-84

Keyword: Amino Acid Sequence/ Amino Acid Substitution/ Genetics/ Dna-Directed Rna Polymerase/ Chemistry/ Genetics/ Isolation & Purif/ Metabolism/ Hela Cells/ Human/ Hydrogen Bonding/ Models, Molecular/ Molecular Sequence Data/ Mutation/ Genetics/ Phenotype/ Plaque Assay/ Poliovirus Vaccine, Oral/ Chemistry/ Genetics/ Polioviruses, Human 1-3/ Enzymology/ Genetics/ Poly U/ Biosynthesis/ Genetics/ Metabolism/ Protein Binding/ Protein Conformation/ Rna, Messenger/ Biosynthesis/ Genetics/ Metabolism/ Rna, Viral/ Biosynthesis/ Genetics/ Metabolism/ Support, U.s. Gov't, P.h.s./ Temperature/ Transcription, Genetic/ Genetics/ Translation, Genetic/ Two-Hybrid System Techniques/ Vaccines, Attenuated/ Chemistry/ Genetics/ Viral Core Proteins/ Genetics/ Metabolism

Should a sick child be immunized. Paul, Y. *Indian Pediatr* 1999 Aug;36(8):837-40

Keyword: Child/ Diarrhea/ Immunology/ Human/ Poliovirus Vaccine, Oral/ Contraindications/ Treatment Outcome

BCG-induced urinary cytokines inhibit microvascular endothelial cell proliferation. Pavlovich, C. P., Kraling, B. M., Stewart, R. J., Chen, X., Bochner, B. H., Luster, A. D., Poppas, D. P., and O'Donnell, M. A. *J Urol* 2000 Jun;163(6):2014-21

Keyword: Antineoplastic Agents/ Pharmacology/ Bcg Vaccine/ Pharmacology/ Therapeutic Use/ Cell Division/ Cytokines/ Physiology/ Urine/ Endothelial Growth Factors/ Pharmacology/ Endothelium, Vascular/ Cytology/ Human/ Interferon Type Ii/ Pharmacology/ Lymphokines/ Pharmacology/ Neovascularization, Physiologic/ Pyrimidinones/ Pharmacology/ Support, Non-U.s. Gov't Support, U.s. Gov't, P.h.s./ Tumor Necrosis Factor/ Pharmacology/ Urologic Neoplasms/ Therapy

Invasive *Haemophilus influenzae* disease in Alaskan residents aged 10 years and older before and after infant vaccination programs. Perdue, D. G., Bulkow, L. R., Gellin, B. G., Davidson, M., Petersen, K. M., Singleton, R. J., and Parkinson, A. J. *JAMA* 2000 Jun 21;283(23):3089-94

Keyword: Adolescence/ Adult/ Alaska/ Epidemiology/ Child/ Female/ *Haemophilus Influenzae*/ Classification/ *Haemophilus Infections*/ Epidemiology/ Prevention & Control/ *Haemophilus Vaccines*/ Administration & Dosage/ Human/ Immunization Programs/ Incidence/ Infant/ Male/ Middle Age/ Population Surveillance/ Serotyping/ Support, U.s. Gov't, P.h.s./ Survival Analysis

New opportunities for prevention of meningococcal disease [editorial; comment] Perkins, B. A. *JAMA* 2000 Jun 7;283(21):2842-3

Keyword: Bacterial Vaccines/ Immunology/ Child, Preschool/ Human/ Infant/ *Neisseria Meningitidis*/ Immunology/ Vaccines, Conjugate/ Immunology

Mercury, infant neurodevelopment, and vaccination [editorial; comment] Pless, R. and Risher, J. F. *J Pediatr* 2000 May;136(5):571-3

Keyword: Child Development/ Food Contamination/ Hepatitis B Vaccines/ Poisoning/ Human/ Infant, Newborn/ Mercury Poisoning, Nervous System/ Epidemiology/ Etiology/ Preservatives, Pharmaceutical/ Poisoning/ Seafood/ Thimerosal/ Poisoning

An analytical model applied to a multicenter pneumococcal enzyme-linked immunosorbent assay study. Plikaytis, B. D., Goldblatt, D., Frasch, C. E., Blondeau, C., Bybel, M. J., Giebink, G. S., Jonsdottir, I., Kayhty, H., Konradsen, H. B., Madore, D. V., Nahm, M. H., Schulman, C. A., Holder, P. F., Lezhava, T., Elie, C. M., and Carlone, G. M. *J Clin Microbiol* 2000 Jun;38(6):2043-50

Keyword: Antibodies, Bacterial/ Blood/ Bacterial Capsules/ Immunology/ Bacterial Vaccines/ Immunology/ Confidence Intervals/ Enzyme-Linked Immunosorbent Assay/ Methods/ Statistics & Numer Data/ Evaluation Studies/ Guidelines/ Human/ Models, Statistical/ Pneumococcal Infections/ Prevention & Control/ Quality Control/ *Streptococcus Pneumoniae*/ Classification/ Immunology/ Vaccination

Safety and immunogenicity of an oral, inactivated enterotoxigenic *Escherichia coli* plus cholera toxin B subunit vaccine in Bangladeshi adults and children. Qadri, F., Wenneras, C., Ahmed, F., Asaduzzaman, M., Saha, D., Albert, M. J., Sack, R. B., and Svennerholm, A. *Vaccine* 2000 Jun 1;18(24):2704-12

Keyword: Adult/ Antibodies, Bacterial/ Biosynthesis/ Bacterial Vaccines/ Immunology/ Bangladesh/ Child/ Child, Preschool/ Cholera Toxin/ Immunology/ Cholera Vaccine/ Immunology/ Drug Evaluation/ Enterotoxins/ *Escherichia Coli*/ Immunology/ Female/ Human/ IgA/ Biosynthesis/ Male/ Support, Non-U.s. Gov't/ Vaccines, Conjugate/ Immunology

Improving pneumococcal vaccination rates: a three-step approach. Redfield, J. R. and Wang, T. W. *Fam Med* 2000 May;32(5):338-41

Keyword: Adolescence/ Adult/ Aged/ Bacterial Vaccines/ Administration & Dosage/ Child/ Child, Preschool/ Female/ Human/ Immunization Programs/ Methods/ Standards/ Male/ Middle Age/ Pneumococcal Infections/ Prevention & Control/ Practice Guidelines

Diminution of the anti-polyribosylribitol phosphate response to a combined diphtheria-tetanus-acellular pertussis/*Haemophilus influenzae* type b vaccine by concurrent inactivated poliovirus vaccination.

Rennels, M. B., Englund, J. A., Bernstein, D. I., Losonsky, G. A., Anderson, E. L., Pichichero, M. E., Munoz, F. M., and Wolff, M. C. *Pediatr Infect Dis J* 2000 May;19(5):417-23

Keyword: Adhesins, Bacterial/ Immunology/ Antibodies, Bacterial/ Blood/ Antibodies, Viral/ Blood/ Antibody Formation/ Drug Effects/ Immunology/ Diphtheria Toxin/ Immunology/ Diphtheria-Tetanus-Pertussis Vaccine/ Administration & Dosage/ Adverse Effects/ Immunology/ Dose-Response Relationship, Immunologic/ Drug Administration Schedule/ Female/ *Haemophilus Vaccines*/ Administration & Dosage/ Adverse Effects/ Immunology/ Hemagglutinins/ Immunology/ Human/ Immune Tolerance/ Drug Effects/ Immunology/ Infant/ Male/ Pertussis Toxins/ Immunology/ Poliovirus Vaccine/ Administration & Dosage/ Adverse Effects/ Immunology/ Polysaccharides/ Immunology/ Polysaccharides, Bacterial/ Administration & Dosage/ Adverse Effects/ Immunology/ Serologic Tests/ Support, U.s. Gov't, P.h.s./ Vaccines, Inactivated/ Administration & Dosage/ Immunology

Unusual hepatitis B surface antigen variation in a child immunised against hepatitis B. Roznovsky, L., Harrison, T. J., Fang, Z. L., Ling, R., Lochman, I., Orsagova, I., and Pliskova, L. J Med Virol 2000 May;61(1):11-4

Keyword: Amino Acid Sequence/ Antigenic Variation/ Child/ Child, Preschool/ Disease Transmission, Vertical/ Prevention & Control/ Female/ Hepatitis B/ Prevention & Control/ Transmission/ Virology/ Hepatitis B Surface Antigens/ Genetics/ Immunology/ Hepatitis B Virus/ Immunology/ Human/ Immunization/ Infant/ Infant, Newborn/ Male/ Molecular Sequence Data/ Support, Non-U.s. Gov't

A successful approach to immunizing men who have sex with men against hepatitis B. Savage, R. B., Hussey, M. J., and Hurie, M. B. Public Health Nurs 2000 May-Jun;17(3):202-6

Keyword: Adolescence/ Adult/ Aged/ Female/ Hepatitis B/ Prevention & Control/ Hepatitis B Vaccines/ Therapeutic Use/ Homosexuality, Male/ Human/ Immunization Programs/ Standards/ Middle Age/ Sex Behavior

Phagocytic killing and antibody response during the first year after tetravalent meningococcal vaccine in complement-deficient and in normal individuals. Schlesinger, M., Kayhty, H., Levy, R., Bibi, C., Meydan, N., and Levy, J. J Clin Immunol 2000 Jan;20(1):46-53

Keyword: Antibodies, Bacterial/ Blood/ Bacterial Vaccines/ Administration & Dosage/ Immunology/ Blood Bactericidal Activity/ Comparative Study/ Complement/ Deficiency/ Human/ Neisseria Meningitidis/ Immunology/ Phagocytosis/ Polysaccharides, Bacterial/ Administration & Dosage/ Immunology/ Support, Non-U.s. Gov't/ Time Factors/ Vaccination

Recommended immunization schedule for 1999: update on the changes. Selekman, J. Pediatr Nurs 1999 Mar-Apr;25(2):217-8

Keyword: Age Factors/ Centers for Disease Control and Prevention (U.s.)/ Human/ Immunization Schedule/ Infant/ Infant, Newborn/ Pediatric Nursing/ Methods/ Standards/ Practice Guidelines/ United States

Immunogenicity of recombinant hepatitis B vaccine in thalassemic children. Sethi, G. R., Sharma, S., Sudha, S., and Rishi, R. K. Indian Pediatr 1999 May;36(5):498-501

Keyword: Beta-Thalassemia/ Therapy/ Blood Transfusion/ Adverse Effects/ Child/ Child, Preschool/ Comparative Study/ Female/ Hepatitis B/ Immunology/ Prevention & Control/ Hepatitis B Vaccines/ Administration & Dosage/ Immunology/ Human/ Male/ Prognosis/ Prospective Studies/ Sensitivity and Specificity/ Support, Non-U.s. Gov't

Immunogenicity of plasma-derived hepatitis B vaccine in preterm infants. Shankar, K. R., Dhiman, R. K., and Narang, A. Indian J Pediatr 2000 Jan;67(1):23-6

Keyword: Comparative Study/ Female/ Hepatitis B Vaccines/ Administration & Dosage/ Immunology/ Human/ Infant, Newborn/ Infant, Premature/ Immunology/ Male/ Plasma/ Immunology

Vaccination as an additional player in the mosaic of autoimmunity [editorial; comment] Shoenfeld, Y., Aharon-Maor, A., and Sherer, Y. Clin Exp Rheumatol 2000 Mar-Apr;18(2):181-4

Keyword: Arthritis, Reactive/ Etiology/ Immunology/ Autoimmunity/ Immunology/ Human/ Knee Joint/ Immunology/ Pathology/ Vaccination/ Adverse Effects

Newer vaccines and 15 doses of OPV. Shrivastava, M. M. and John, T. J. Indian Pediatr 1999 May;36(5):515-7

Keyword: Child, Preschool/ Dose-Response Relationship, Drug/ Human/ Immunization Programs/ Immunization Schedule/ India/ Infant/ Poliomyelitis/ Prevention & Control/ Poliovirus Vaccine, Oral/ Administration & Dosage/ Sensitivity and Specificity

Vaccination in the neonatal period and early infancy. Siegrist, C. A. Int Rev Immunol 2000;19(2-3):195-219

Keyword: Animal/ Human/ Infant, Newborn/ Immunology/ Mice/ Support, Non-U.s. Gov't/ Vaccination/ Vaccines/ Immunology

Live oral poliovirus vaccines do not contain detectable simian virus 40 (SV40) DNA. Sierra-Honigmann, A. and Krause, P. R. *Biologicals* 2000 Mar;28(1):1-4

Keyword: Consumer Product Safety/ Drug Contamination/ Dna, Viral/ Analysis/ Human/ Poliovirus Vaccine, Oral/ Polyomavirus Macacae/ Genetics/ Isolation & Purif/ Support, U.s. Gov't, Non-P.h.s./ Support, U.s. Gov't, P.h.s.

Efficacy of influenza vaccination in adult liver transplant recipients. Soesman, N. M. Iatrogenic exposure to mercury after hepatitis B vaccination in preterm infants [see comments] Stajich, G. V., Lopez, G. P., Harry, S. W., and Sexson, W. R. *J Pediatr* 2000 May;136(5):679-81

Keyword: Hepatitis B/ Prevention & Control/ Hepatitis B Vaccines/ Chemistry/ Human/ Iatrogenic Disease/ Infant, Newborn/ Infant, Premature/ Preservatives, Pharmaceutical/ Administration & Dosage/ Adverse Effects/ Support, Non-U.s. Gov't Thimerosal/ Administration & Dosage/ Adverse Effects

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Keyword: Adolescence/ Adult/ Aged/ Antibodies, Viral/ Biosynthesis/ Child/ Cohort Studies/ Follow-up Studies/ Human/ Immunization, Secondary/ Middle Age/ Models, Immunological/ Multivariate Analysis/ Neutralization Tests/ Rabies Vaccine/ Immunology

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